



CHILLER NOISE REDUCTION SYSTEM

HUSHCORE® **PREMIUM™** Chiller Noise Reduction System:

- a. **PREMIUM™** System shall consist of HUSH FLEX™ Acoustical Curtain Composite Panels.
 1. The Curtain Panels shall be a composite of barriers and absorbers all quilted together with edge binding thread.
 2. The Acoustical Curtain Panels shall enclose the chiller on four (4) sides with a roof. The removable roof panels shall have a rigid core and a complete perimeter valence.
 3. The curtain system shall come complete with a framing support system and all necessary mounting hardware.
- b. The complete system shall meet chiller manufacturers published data pertaining to heat loss of compressors, condenser fan airflow, and ensure no “de-rating” of chiller performance.
- c. The complete system shall meet all environmental conditions such as temperature and moisture.
- d. OEM Factory Acoustical Packages by the Chiller Manufacturer are not acceptable.

Basis of Design: BRD Noise and Vibration Control, Inc., Wind Gap, PA - (610) 863-6300, www.HUSHCORE.net.

ACOUSTICAL PERFORMANCE

- a. To assure optimized aerodynamic and acoustic performance as well as proper integration and coordination of the final installation, the HUSHCORE® System shall be supplied by the chiller unit manufacturer as part of a complete package.
- b. All Noise Control Materials Manufacturer's shall deliver a complete submittal of the HUSHCORE® System in compliance with the acoustical performance as listed in this specification. Please contact BRD Noise and Vibration Control, Inc. (610) 863-6300 for acoustical compliance and noise reductions as listed below for the applicable project.
 1. Chiller Sound Power (Lw), including the specified HUSHCORE® System, shall not exceed the following octave band sound levels:

Freq. (Hz)	63	125	250	500	1000	2000	4000	8000
Sound Power (Lw)	[]	[]	[]	[]	[]	[]	[]	[]



CHILLER NOISE CONTROL DETAIL